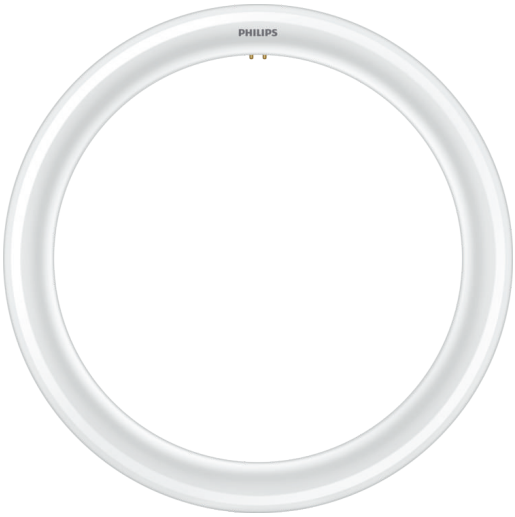


MyCare LED Circular

LED Circular 20W 840 G10q AP

LED, C-T9, EM/Mains, 238 mm, 220-240 V, 20 W, 32W, 4000 K, 2000 lm, 30000 hour(s)

MyCare LED Ceiling Module integrates a LED light source into a module. It is specially designed to replace fluorescent circular tubes working on a G10q fitting. The module offers significant energy savings and a long lifetime.

Product data

General Information	
Cap-Base	G10q
Nominal lifetime	30,000 hour(s)
Switching Cycle	50,000
Lighting Technology	LED

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	120 degree(s)
Luminous Flux	2,000 lm
Color Designation	Cool White (CW)
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color Consistency	<6
Color rendering index (CRI)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %
Photobiological safety according to EN 62471	RG0

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power Consumption	20 W
Lamp Current (Nom)	170 mA
Wattage Equivalent	32 W
Starting Time (Nom)	0.5 s
Warm-up time to 60% light	0.5 s
Power Factor (Fraction)	0.5
Voltage (Nom)	220-240 V
LED alternative to fluorescent lamp power	32W
Ballast Compatibility	EM/Mains

Temperature	
T-Case Maximum (Nom)	60 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product Length	238 mm
Overall length	298 mm
Bulb Shape	C-T9

MyCare LED Circular

Net Weight (Piece)	0.106 kg

Approval and Application

Energy Saving Product	Yes
Approval Marks	RoHS compliance CE marking KEMA Keur certificate
Energy Consumption kWh/1000 h	20 kWh
CE mark	Yes
EU RoHS compliant	Yes
EyeComfort	Yes
LED Innovations	EyeComfort
Ambient temperature range	-20 to +45 °C

Application Conditions

Wireless Technology	Not applicable

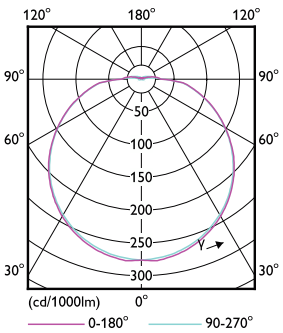
Product Data

Order product name	LED Circular 20W 840 G10q AP
Full product name	LED Circular 20W 840 G10q AP
Full product code	871869964533500
Order code	929002010907
Material Nr. (12NC)	929002010907
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699645335
Numerator - Packs per outer box	20
EAN/UPC - Case	8718699645342

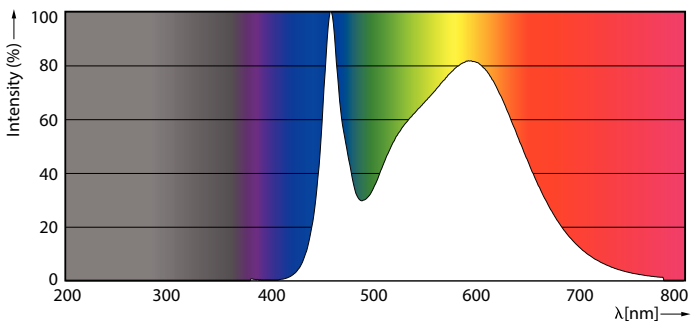
Dimensional drawing

Product	A1	A2	A3
LED Circular 20W 840 G10q AP	30 mm	238 mm	298 mm

Photometric data



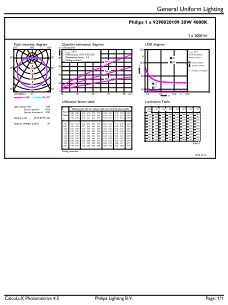
Light Distribution Diagram - LED Circular 20W 840 G10q AP



Spectral Power Distribution Colour - LED Circular 20W 840 G10q AP

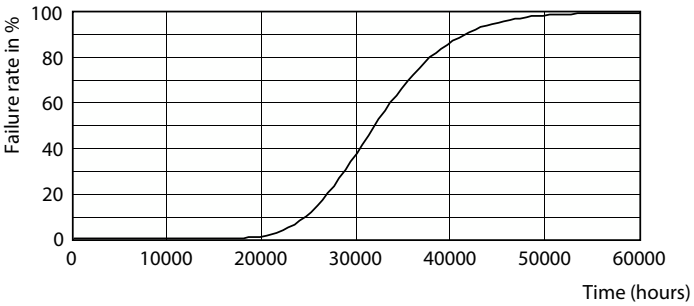
MyCare LED Circular

Photometric data

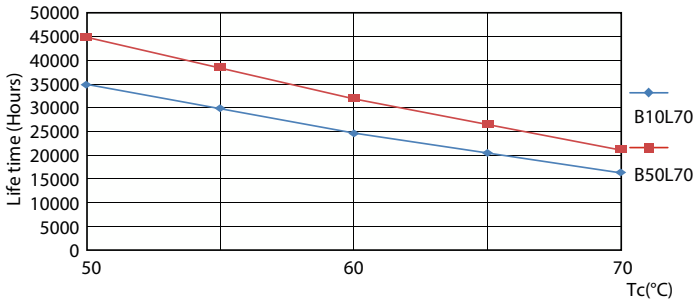


General uniform lighting - LED Circular 20W 840 G10q AP

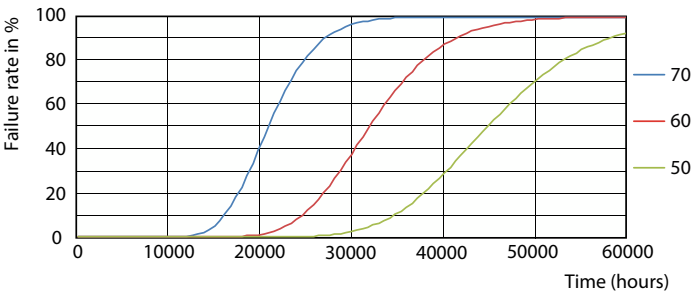
Lifetime



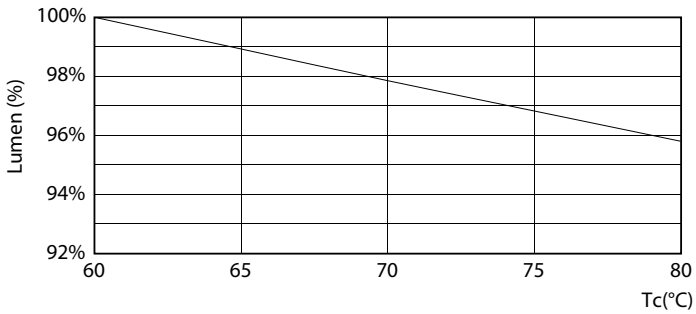
Life Expectancy Diagram



LifetimeVsTc



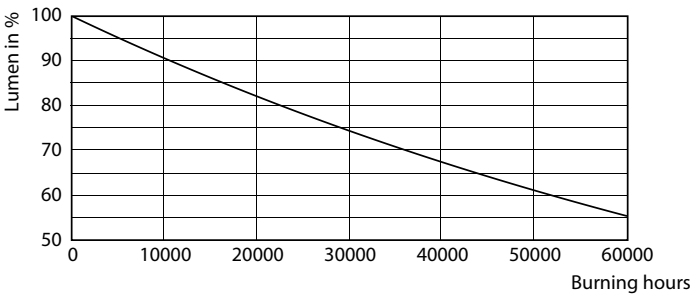
FailureRate



Lumen Maintenance Diagram - LED Circular 20W 840 G10q AP

MyCare LED Circular

Lifetime



Lumen Maintenance Diagram - LED Circular 20W 840 G10q AP

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